

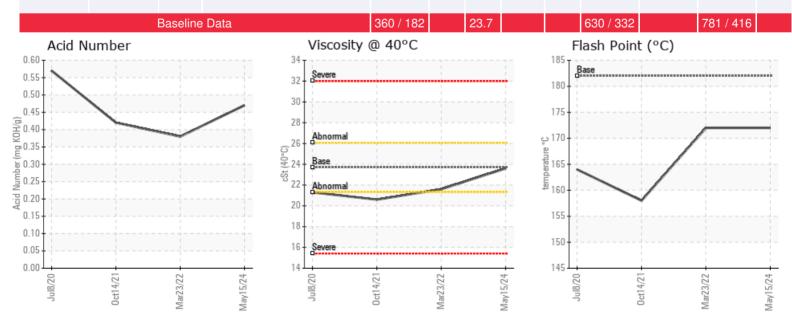
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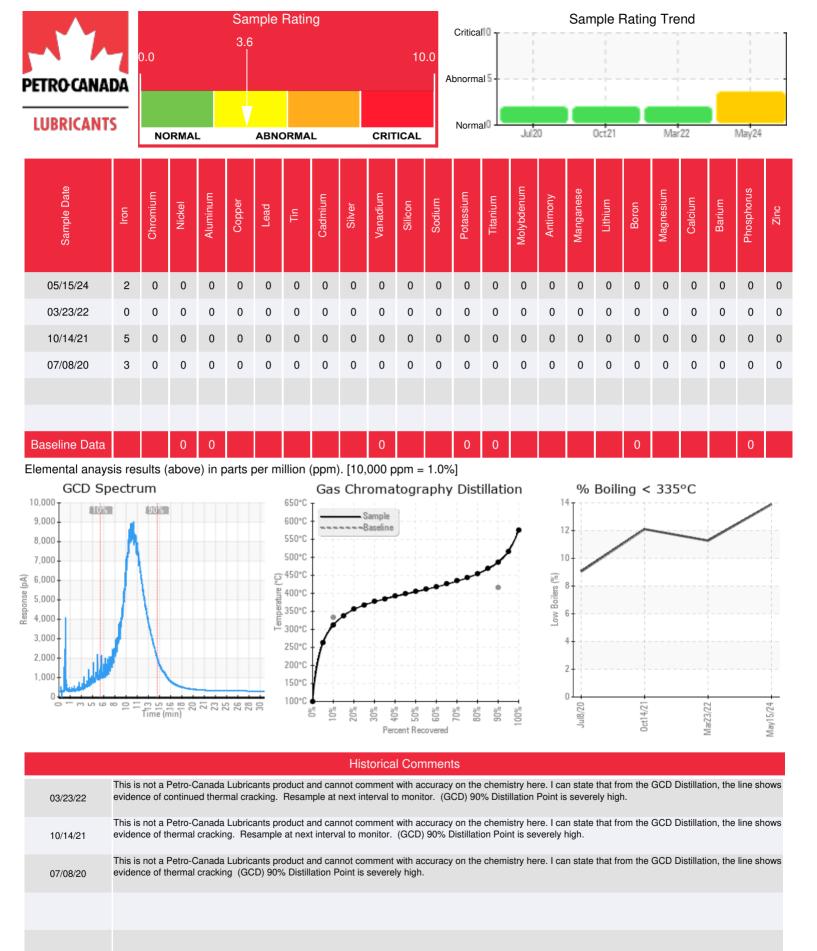
Customer: PTRHTF60010	System Information	Sample Information			
SYNLUBE INTERNATIONAL CO LTD	System Volume: 30000 ltr	Lab No: 02637567			
76/1 MOO.7 THACHIN	Bulk Operating Temp: 518F / 270C	Analyst: Bill Quesnel CLS,OMA II,MLA-			
MUANG SAMUTSAKHON, 74000 TH	Heating Source:	III,LLA-I			
Attn: CHERNPORN CHOBKUI	Blanket:	Sample Date: 05/15/24			
Tel: 034421290	Fluid: EASTMAN THERMINOL XP	Received Date: 05/24/24			
E-Mail: chernporn@synlube.co.th	Make:	Completed: 05/29/24			
		Bill Quesnel CLS,OMA II,MLA-III,LLA-I			

Recommendation: The fluid shows signs of thermal cracking and decomposition (low boilers and high pentane insoluble content). We recommend that you vent the expansion tank to remove low boilers which assists in restoring the flash point of the fluid. The fluid is suitable for further service. Resample at the next service interval to monitor.

Comments: Pentane Insolubles levels are severely high. (GCD) 90% Distillation Point is severely high.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
05/15/24	05/24/24	66.0m		342 / 172	68	23.6	0.47	1.26	592 / 311	759 / 404	906 / 486	13.89
03/23/22	04/05/22	41.0m		342 / 172	135.0	21.6	0.38	0.137	617 / 325	770 / 410	914 / 490	11.27
10/14/21	10/28/21	36.0m	Firer No. 8	316 / 158	125.5	20.6	0.42	0.295	610 / 321	763 / 406	901 / 483	12.10
07/08/20	08/25/20	24.0m		327 / 164	37.1	21.3	0.57	0.278	639 / 337	769 / 409	901 / 483	9.04





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